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AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS:

1.   (Previously Presented)   A programmable document, comprising:

a physical document including at least one sheet of material and information recorded thereon; and

a computer attached to the physical document, wherein the computer includes

an input/output device,

a memory storing the recorded information in digital form, any updates and modifications to the recorded information, all metadata pertaining to the physical document, wherein the metadata comprises at least one of processing information, version information, user comments, copy information, transformation information, distribution information and index information,

a processor for updating and modifying the recorded information in digital form and the metadata pertaining to the physical document, and

a computer program, stored in the memory, for implementing defined actions, operable by the processor, wherein the recorded information in digital form and all metadata pertaining to the physical document is available where the physical document is available.

2.   (Canceled).

3.   (Previously Presented)   The programmable document of claim 1, wherein the computer is attached to the physical document by at least one of an adhesive, a removable adhesive, a magnetic material.

4.   (Previously Presented)   The programmable document of claim 1, wherein the

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computer is attached to the physical document by at least one of a spiral binding and a reinforced hole with a fastener for holding the computer.

5. (Original) The programmable document of claim 1, wherein the computer comprises an iButton.

6. (Original) The programmable document of claim 1, wherein the computer has a machine readable label.

7. (Canceled).

8. (Canceled).

9. (Canceled).

10. (Previously Presented) A method for managing, retrieving and processing information about a physical document and modifications to the physical document, comprising:

providing a computer, wherein the computer includes an input/output device, a processor for updating and modifying information pertaining to the physical document, and a memory;

recording information on at least one sheet of material to generate a physical document;

storing a digital copy of the recorded information, any updates and modifications to the recorded information, and all metadata pertaining to the physical document, wherein the metadata comprises at least one of processing information, version information, user comments, copy information, transformation information, distribution information and index information, in the memory;

storing a computer program in the memory, for implementing defined actions, operable by the processor;

associating the stored recorded information and metadata with the physical document; and

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attaching the computer to the physical document, wherein the recorded information in digital form and all metadata pertaining to the physical document is available where the physical document is available.

11. (Previously Presented) The method of claim 10, further comprising:

performing an activity pertaining to the physical document; and

storing a digital record of the performed activity in the computer.

12. (Canceled).

13. (Original) The method of claim 10, wherein the computer is attached to the physical document by an adhesive.

14. (Original) The method of claim 10, wherein the computer is attached to the physical document by a spiral binding.

15. (Original) The method of claim 11, wherein the activity is selected from the group consisting of copying, providing comments, scanning, referencing an earlier version of the information.

16. (Previously Presented) The programmable document of claim 1, wherein the metadata comprises at least one of an electronic copy of the information recorded on the physical document, comments by readers of the document, state changes and edits made since the document was printed, processing information, version information, copy information, transformation information, distribution information, index information and other miscellaneous information.

17. (Previously Presented) The programmable document of claim 1, wherein the miscellaneous information comprises at least one of a document summary and key words.

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18. (Previously Presented) The programmable document of claim 1, further comprising storing a URL for a digital version of the information recorded on the physical document.

19. (Previously Presented) The programmable document of claim 1, wherein the computer comprises at least one of a smart card, a PCMCIA card, a thin-profile computing device having miniature input/output, processor and memory components disposed on a strip and encased in a durable plastic, miniature input/output, processor and memory components disposed on the physical document and having a strip of clear adhesive placed over them for attaching them to the physical document, and strip and encased in a durable plastic, miniature disposed between two sheets of physical document.

20. (Previously Presented) The programmable document of claim 16, wherein the metadata comprises text, or portions thereof, of the information recorded on the document which has been translated into another language.

21. (Canceled).

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